

Figure 1

Inventor: Baback Charizadeh, Address: Högalidsgatan 33, 1 tr, SE-11730, Sweden Tel work: +46-8-5537 8393 home: +46-8-34 82 97

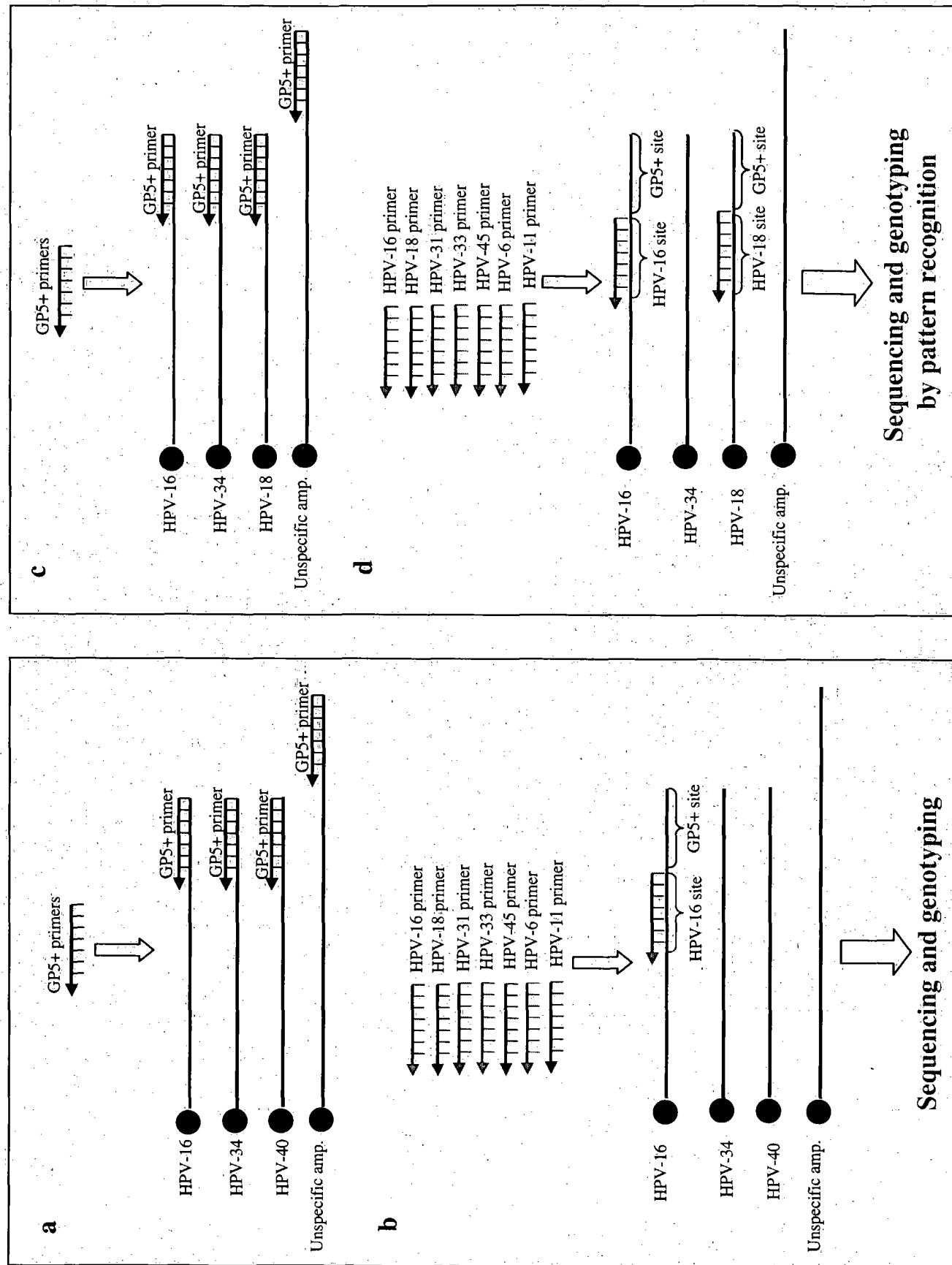
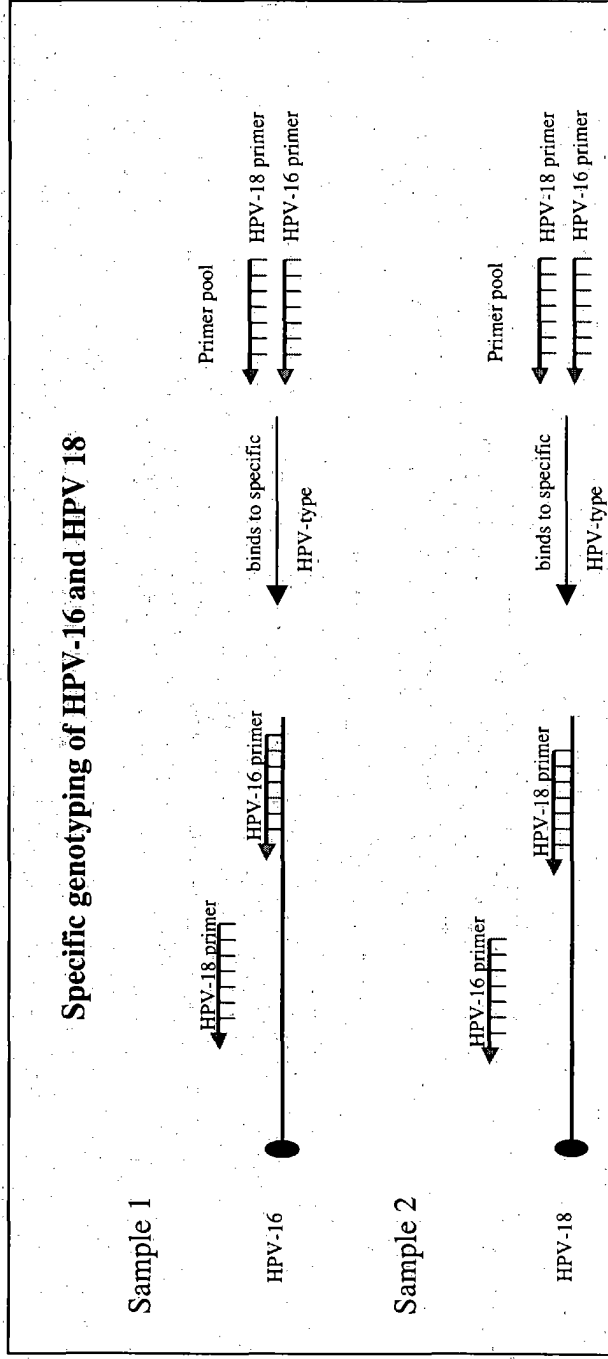


Figure 2

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a



b

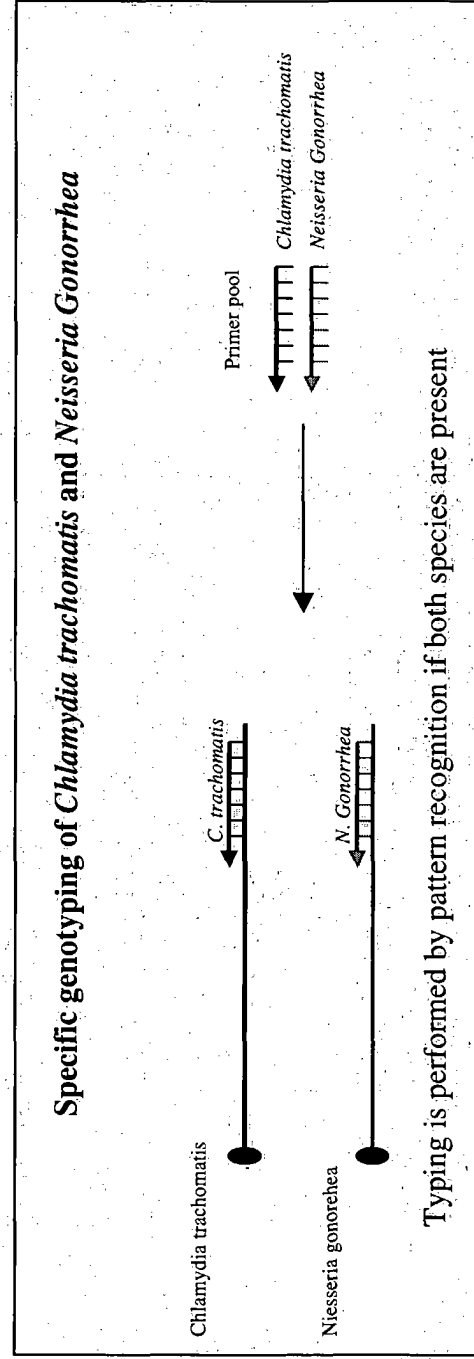


Figure 3

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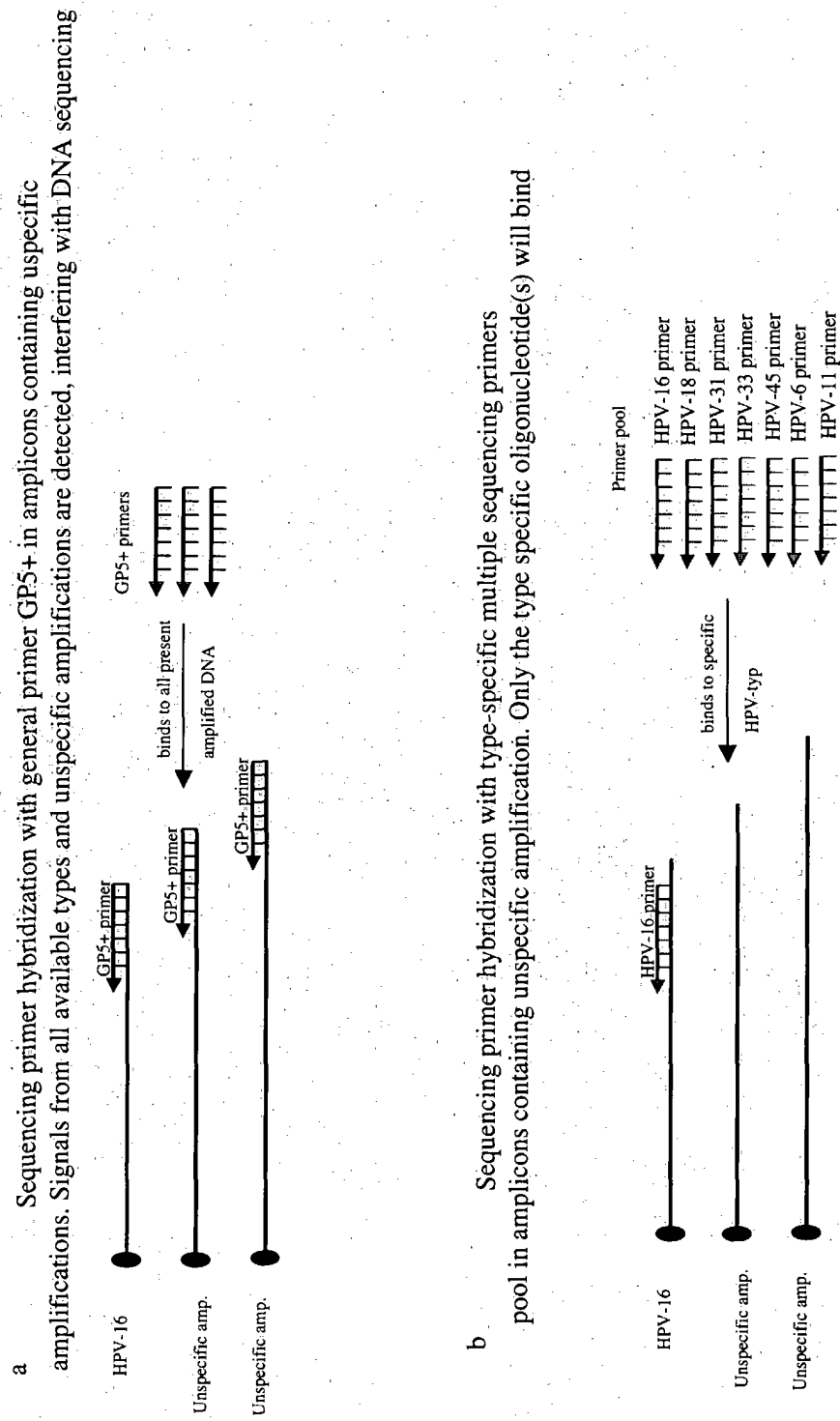
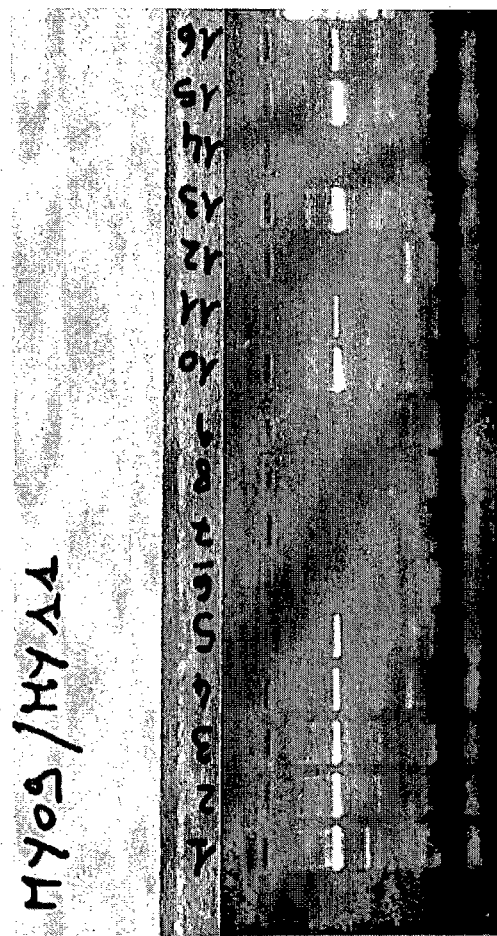


Figure 4

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Unspecific amplification products from genomic DNA by MY09/11

a



Unspecific amplification products from genomic DNA by GP5+/6+

b

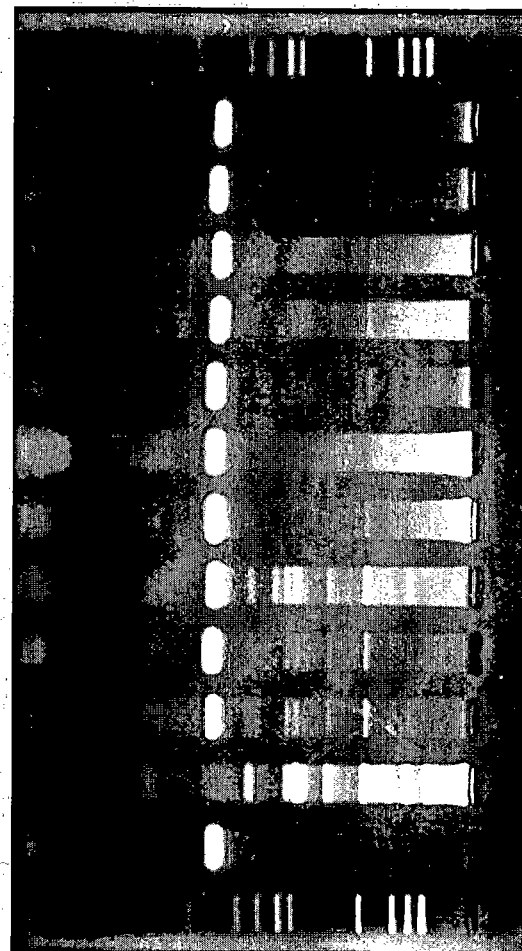


Figure 5

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Winning read length, time and enhanced sequence quality

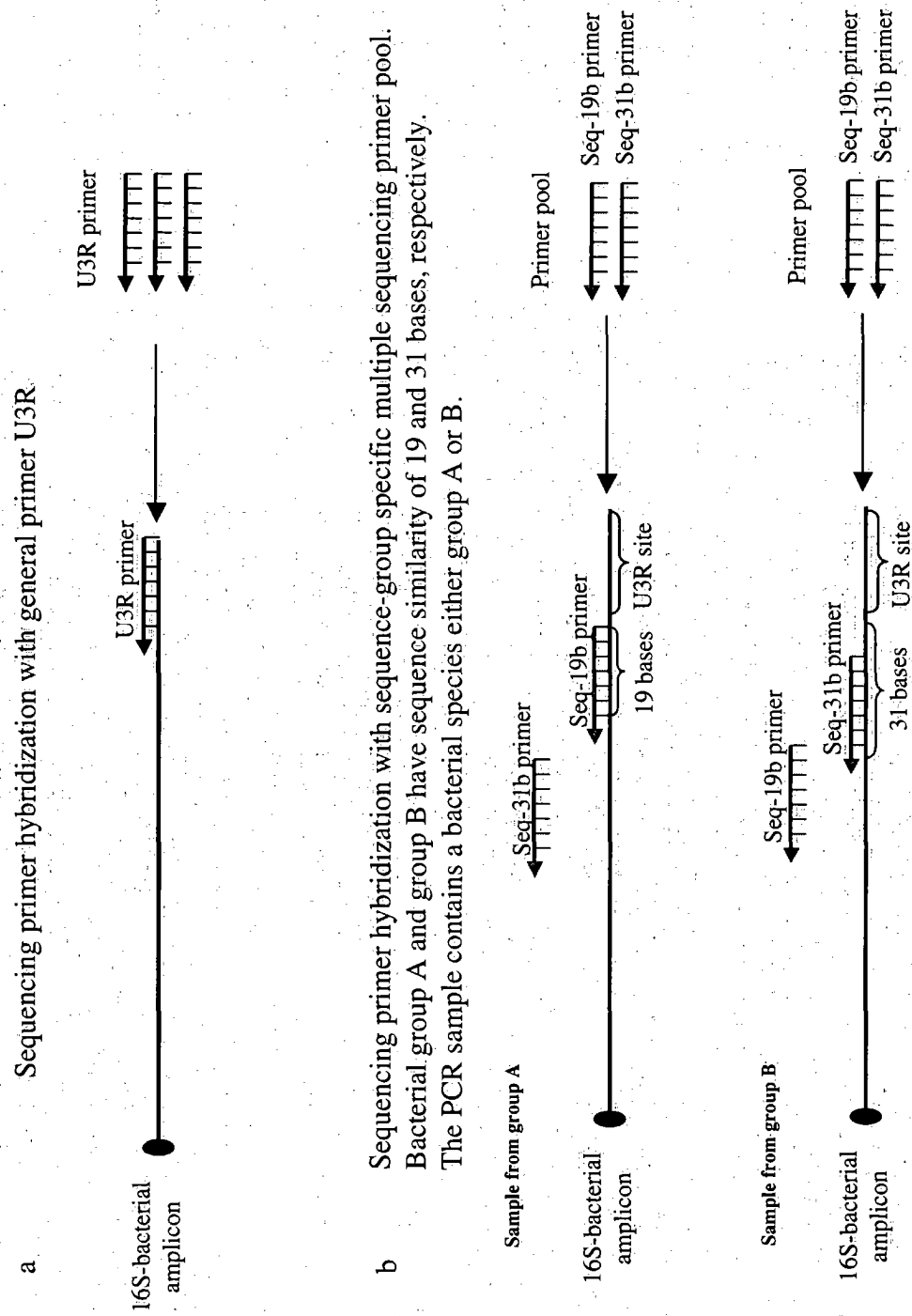
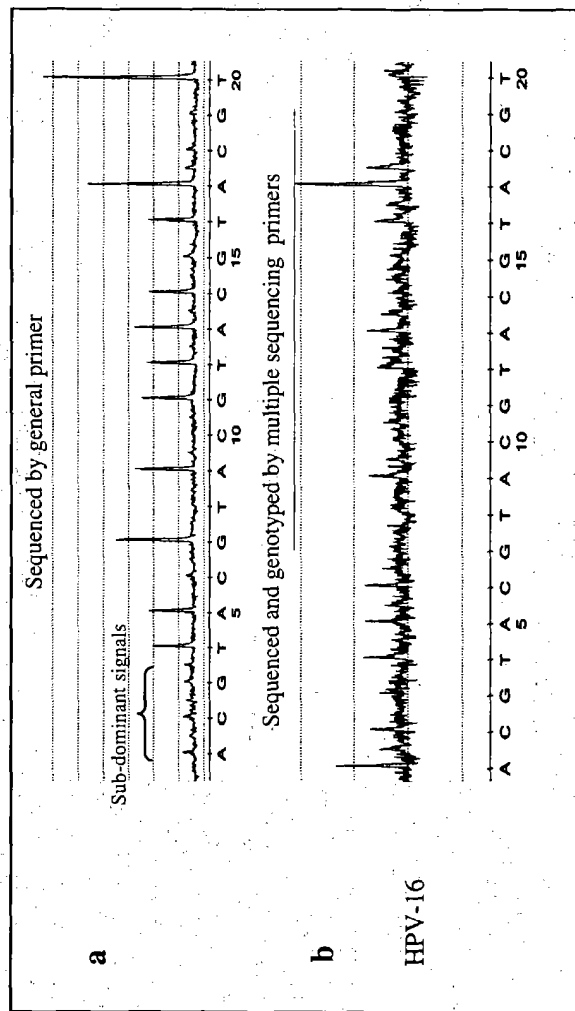


Figure 7

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Sub-dominant type
and unspecific amp.



Low yield PCR containing
multiple infection

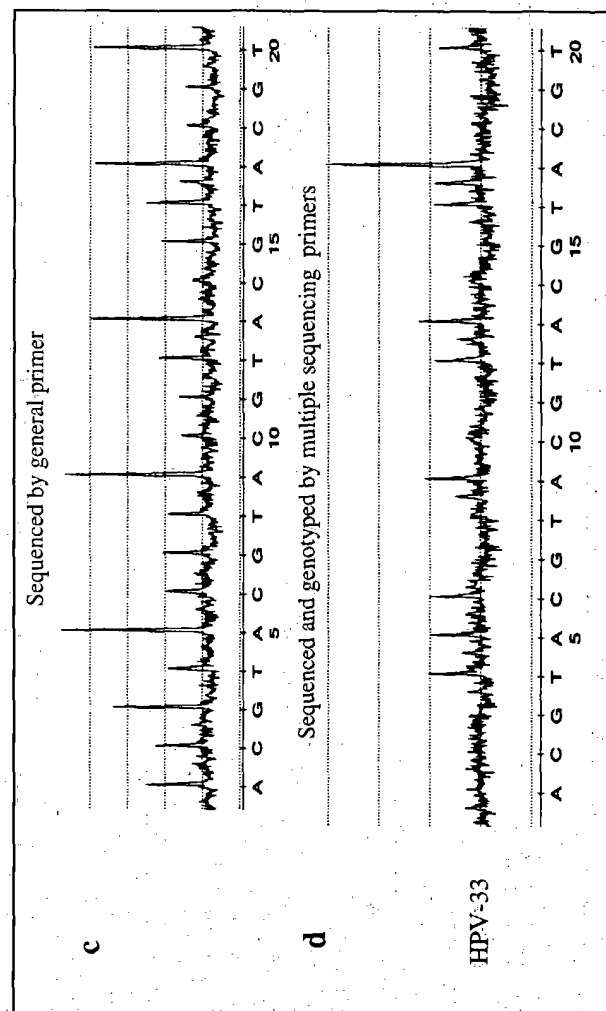


Figure 8

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Multiple infection of HPV-16 and HPV-18 in 3 clinical samples detected by multiple sequencing primers and pattern recognition

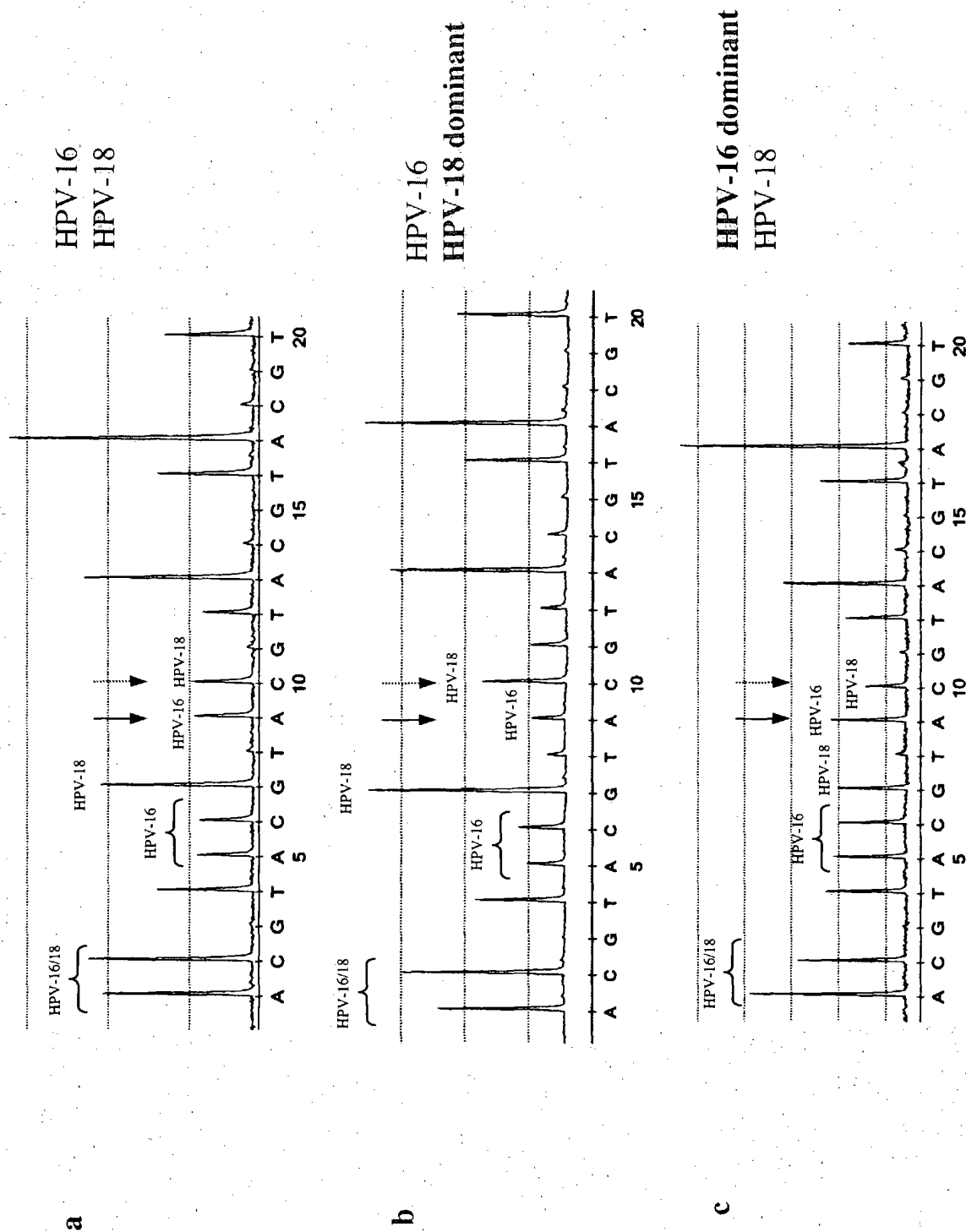


Figure 9

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Sequencing of simulated HPV multiple infections/variants by Pyrosequencing

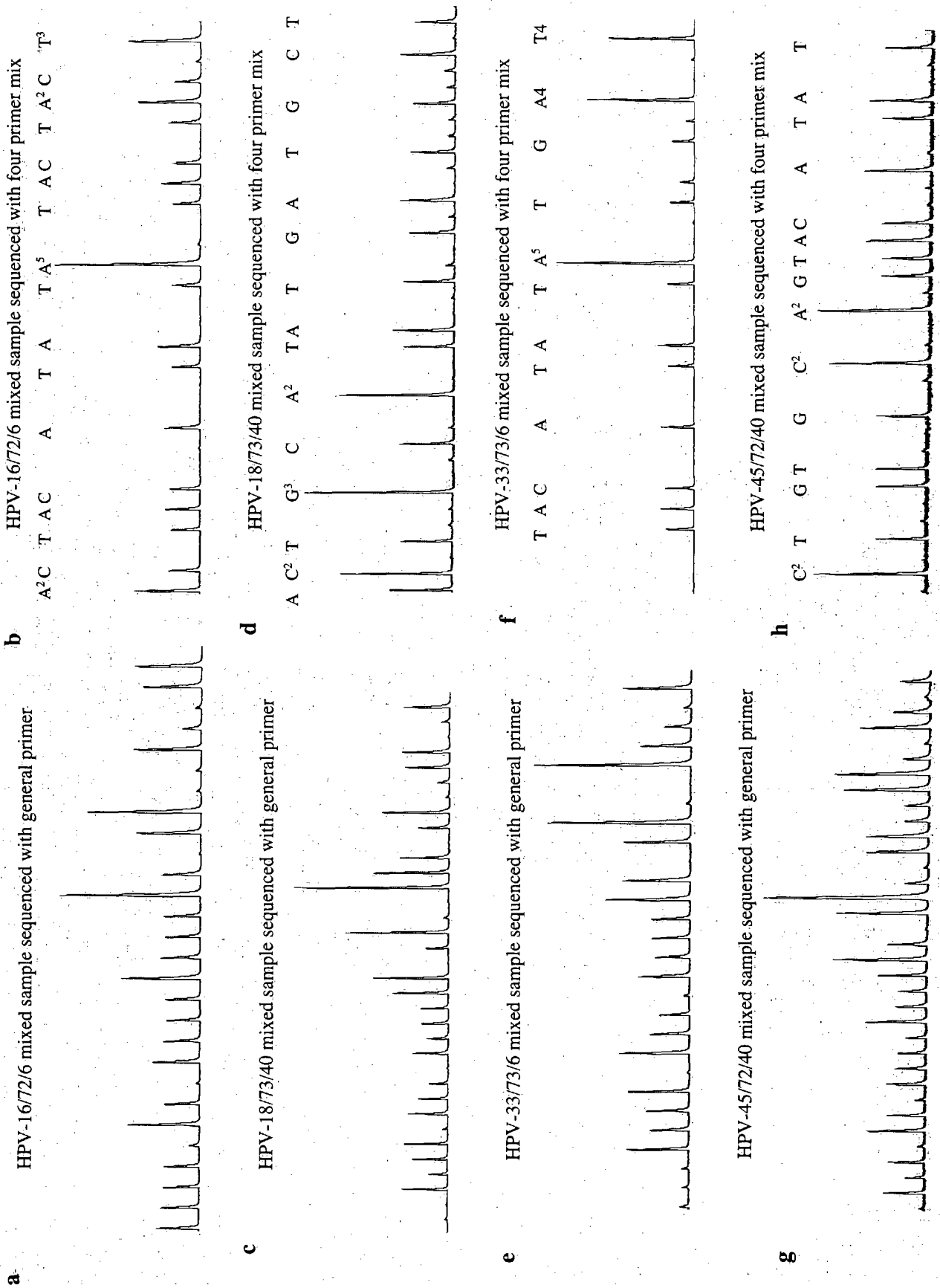
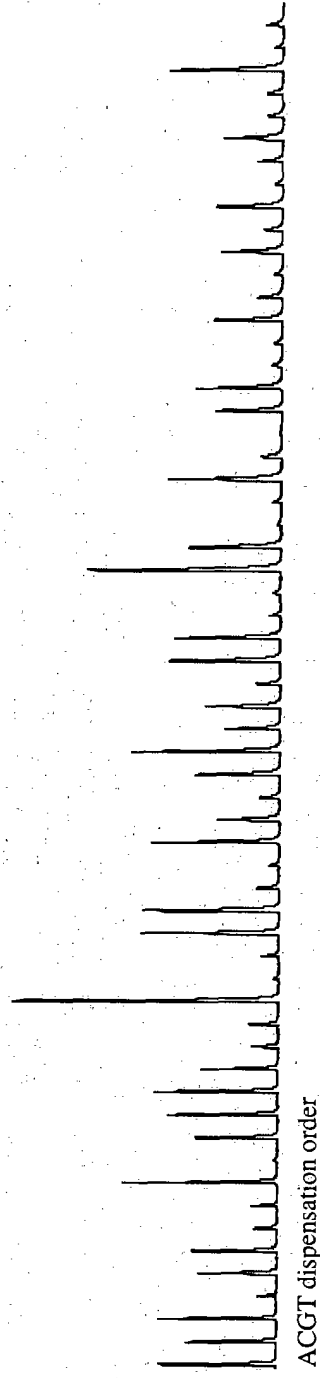


Figure 10

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Amplicons with unspecific amplification products

a Clinical sample amplified by one step PCR and sequenced by GP5+



Amplified by one-step PCR and sequenced by multiple sequencing primers

b A²C T A C A T A T A⁵ T A C T A²C T A² G² A G T A C² T A C G A C A T G⁴ A G²

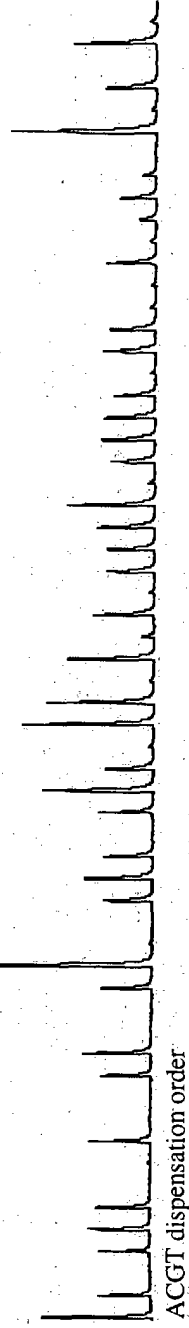


Figure 11

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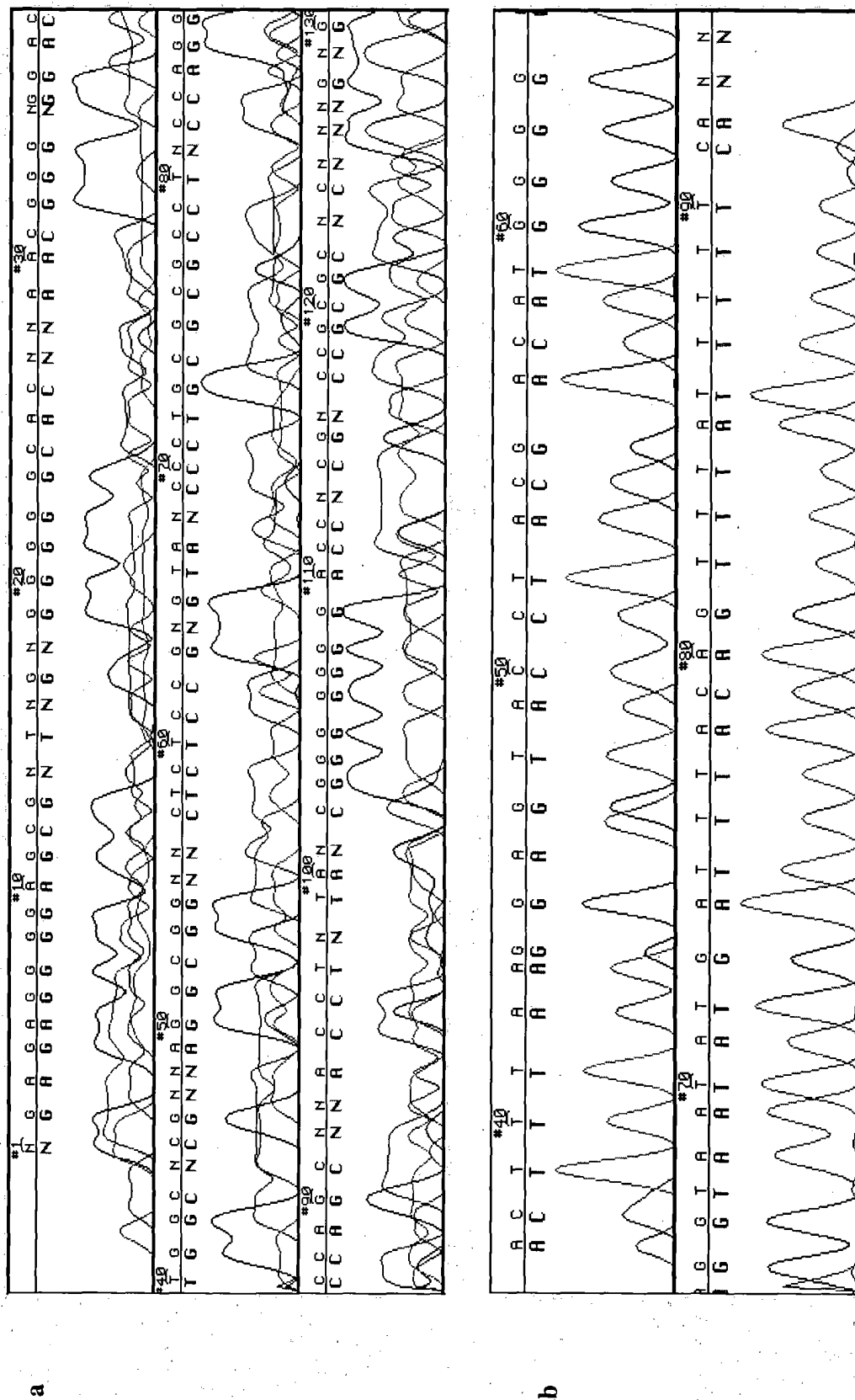


Figure 12

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